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<p>(21) International Application Number: PCT/CH99/00384 (22) International Filing Date: 19 August 1999 (19.08.99) (30) Priority Data: PCT/IB98/01306 21 August 1998 (21.08.98) IB (71)(72) Applicants and Inventors: <i>21 Feb 01 / 31 March</i> FREY, Felix [CH/CH]; University of Berne, Dept. of Internal Medicine, Freiburgstrasse, CH-3010 Bern (CH); ROSCONI, Sandro [CH/CH]; University of Fribourg, Biochemistry, Pérolles, CH-1700 Fribourg (CH). (72) Inventors; and (75) Inventors/Applicants (for US only): FREY, Brigitte [CH/CH]; University of Berne, Dept. of Internal Medicine, Freiburgstrasse, CH-3010 Bern (CH); WEHRLI, Hans-Ueli [CH/CH]; University of Berne, Dept. of Internal Medicine, Freiburgstrasse, CH-3010 Bern (CH). (74) Common Representative: FREY, Felix; University of Berne, Dept. of Internal Medicine, Division of Nephrology, Freiburgstrasse, CH-3010 Bern (CH).</p>		<p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i></p>
<p>(54) Title: CONJUGATES OF DNA INTERACTING GROUPS WITH STEROID HORMONES FOR USE AS NUCLEIC ACID TRANSFECTION AGENTS ✓</p> <p>(57) Abstract</p> <p>The present invention relates to novel compounds comprising a steroid hormone linked to a DNA-interacting molecule that target nucleic acids to the cell nucleus. Further, the invention relates to a method for introducing nucleic acids into the nucleus of cells with the help of such compounds. Pharmaceutical preparations containing such compounds and the use of such compounds for gene therapy are also provided.</p>		